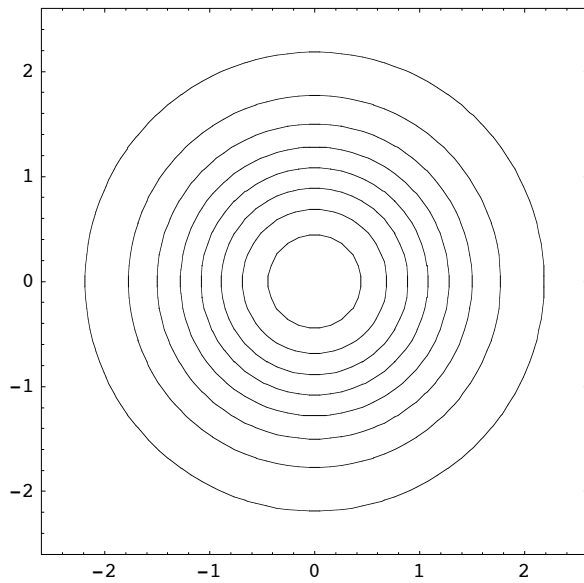
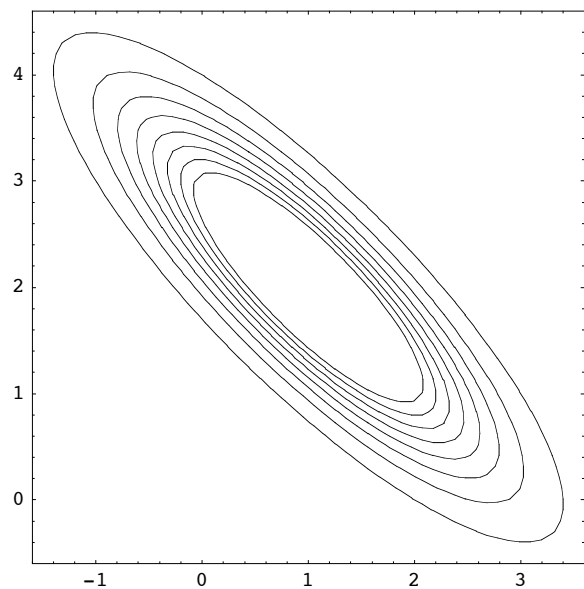


Niveaulinien der Dichte der bivariaten Normalverteilung

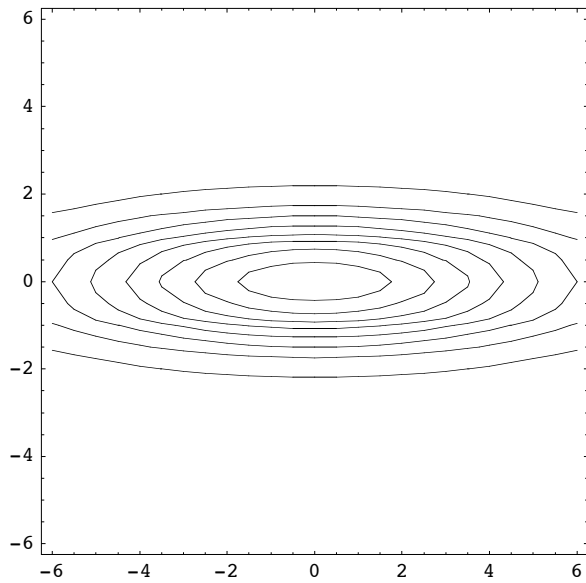


$$\begin{aligned}\mu_x &= 0, \sigma_x = 1, \\ \mu_y &= 0, \sigma_y = 1, \\ \rho &= 0\end{aligned}$$

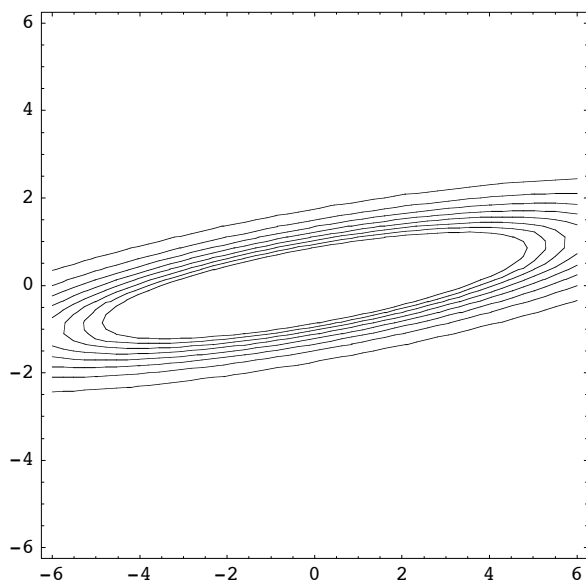


$$\begin{aligned}\mu_x &= 1, \sigma_x = 1, \\ \mu_y &= 2, \sigma_y = 1, \\ \rho &= -0.85\end{aligned}$$

Niveaulinien der Dichte der bivariaten Normalverteilung



$$\begin{aligned}\mu_x &= 0, \sigma_x = 4, \\ \mu_y &= 0, \sigma_y = 1, \\ \rho &= 0\end{aligned}$$



$$\begin{aligned}\mu_x &= 0, \sigma_x = 4, \\ \mu_y &= 0, \sigma_y = 1, \\ \rho &= 0.7\end{aligned}$$